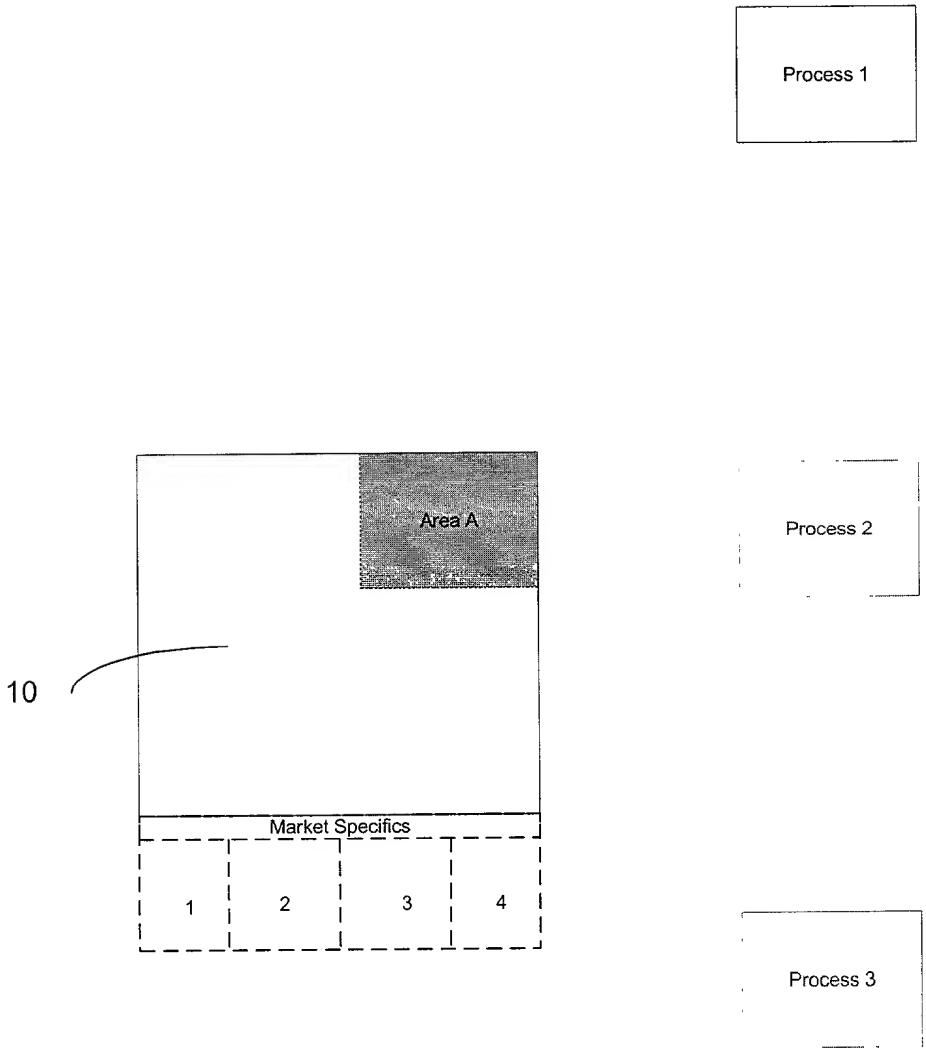

Process 1
Area A
Process 2
10
Market Specifics
1
2
3
4
Process 3

Figure 1

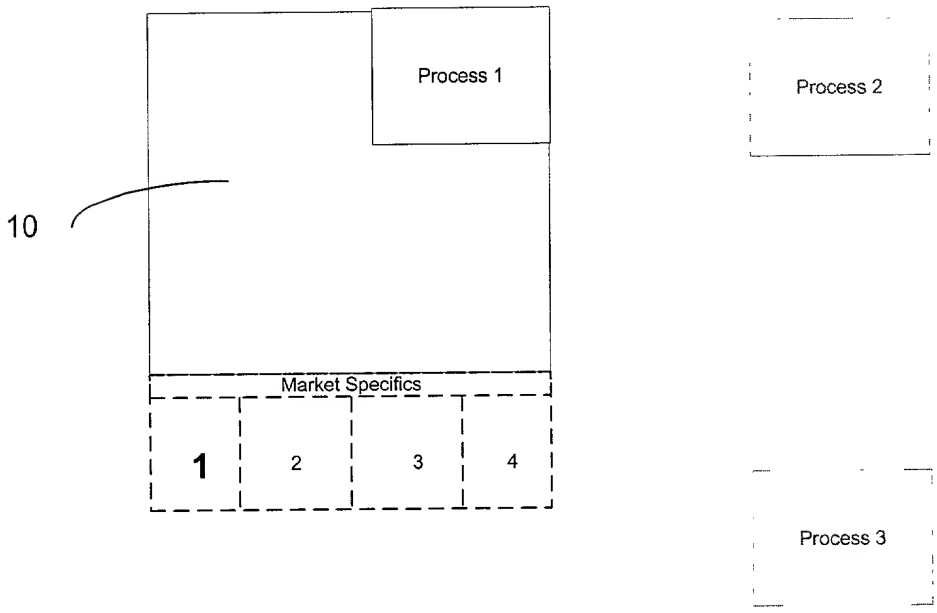


Figure 2

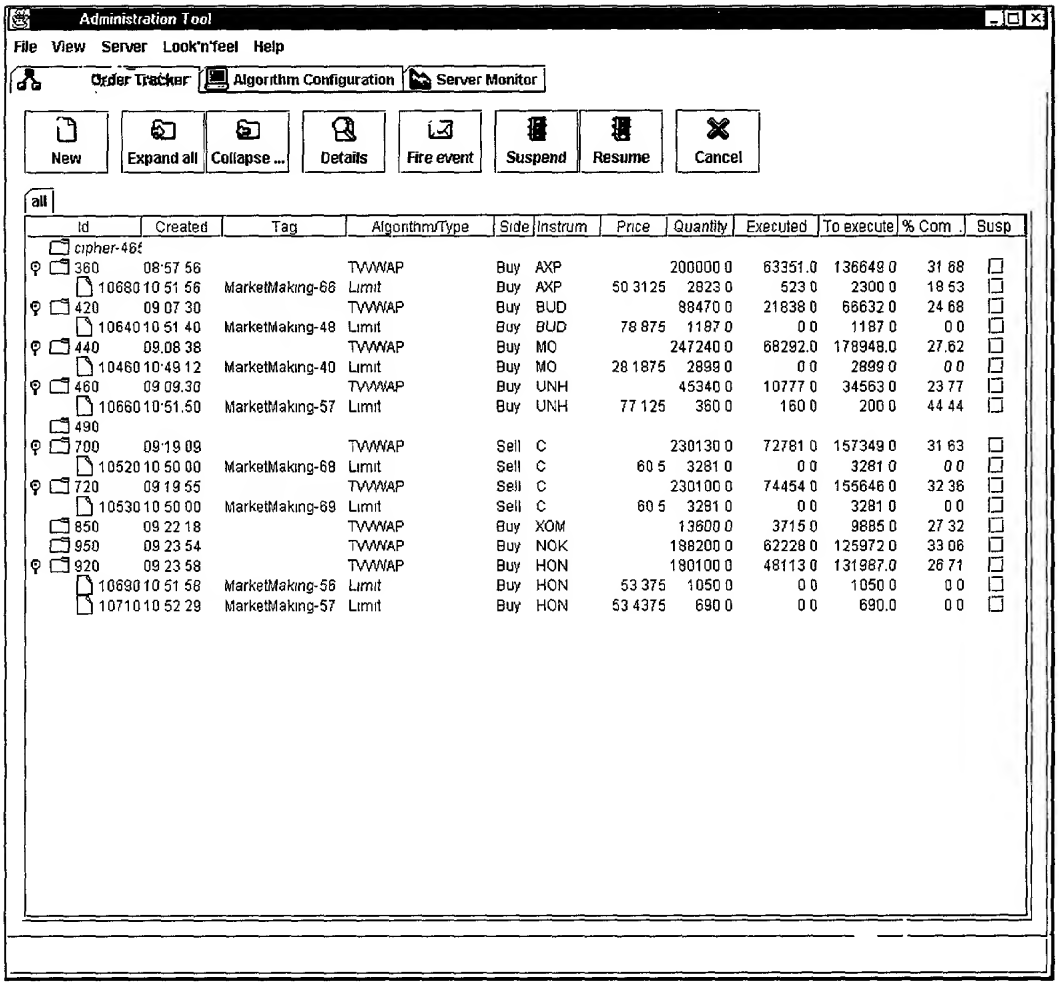

Administration Tool
File View Server Look'n'feel Help
Order Tracker
Algorithm Configuration
Server Monitor
New
Expand all
Collapse ...
Details
Fire event
Suspend
Resume
Cancel
all
Id Created Tag Algorithm/Type Side Instrum Price Quantity Executed To execute % Com Susp
cipher-46
360 08:57 56 TWWAP Buy AXP 200000 0 63351.0 136649 0 31 68
10680 10 51 56 MarketMaking-66 Limit Buy AXP 50 3125 2823 0 523 0 2300 0 18 53
420 09 07 30 TWWAP Buy BUD 88470 0 21838 0 66632 0 24 68
10640 10 51 40 MarketMaking-48 Limit Buy BUD 78 875 1187 0 0 0 1187 0 0 0
440 09.08 38 TWWAP Buy MO 247240 0 68292.0 178948.0 27.62
10460 10:49 12 MarketMaking-40 Limit Buy MO 28 1875 2899 0 0 0 2899 0 0 0
460 09 09.30 TWWAP Buy UNH 45340 0 10777 0 34563 0 23 77
10660 10:51.50 MarketMaking-57 Limit Buy UNH 77 125 360 0 160 0 200 0 44 44
490
700 09:19 09 TWWAP Sell C 230130 0 72781 0 157349 0 31 63
10520 10 50 00 MarketMaking-68 Limit Sell C 60 5 3281 0 0 0 3281 0 0 0
720 09 19 55 TWWAP Sell C 230100 0 74454 0 155646 0 32 36
10530 10 50 00 MarketMaking-69 Limit Sell C 60 5 3281 0 0 0 3281 0 0 0
850 09 22 18 TWWAP Buy XOM 13600 0 3715 0 9885 0 27 32
950 09 23 54 TWWAP Buy NOK 188200 0 62228 0 125972 0 33 06
920 09 23 58 TWWAP Buy HON 180100 0 48113 0 131987.0 26 71
10690 10 51 58 MarketMaking-56 Limit Buy HON 53 375 1050 0 0 0 1050 0 0 0
10710 10 52 29 MarketMaking-57 Limit Buy HON 53 4375 690 0 0 0 690.0 0 0

Figure 3

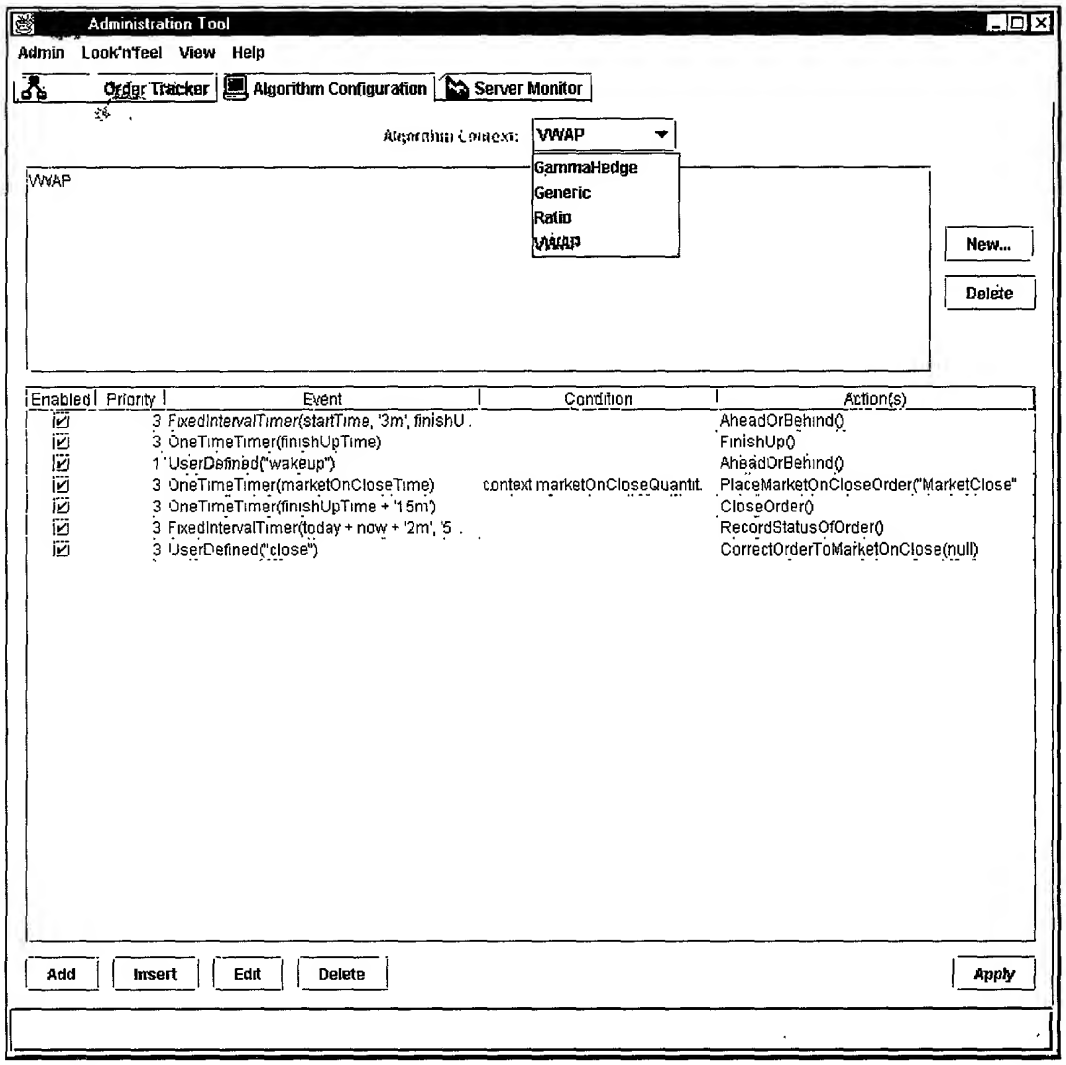

Administration Tool
Admin
Look'n'feel
View
Help
Order Tracker
Algorithm Configuration
Server Monitor
Algorithm Context:
VWAP
GammaHedge
Generic
Ratio
VWAP
VWAP
New...
Delete
Enabled
Priority
Event
Condition
Action(s)
3 FixedIntervalTimer(startTime, '3m', finishU...
AheadOrBehind()
3 OneTimeTimer(finishUpTime)
FinishUp()
1 UserDefined("wakeup")
AheadOrBehind()
3 OneTimeTimer(marketOnCloseTime)
context.marketOnCloseQuantit...
PlaceMarketOnCloseOrder("MarketClose"
3 OneTimeTimer(finishUpTime + '15m')
CloseOrder()
3 FixedIntervalTimer(today + now + '2m', '5...
RecordStatusOfOrder()
3 UserDefined("close")
CorrectOrderToMarketOnClose(null)
Add
Insert
Edit
Delete
Apply

Figure 4

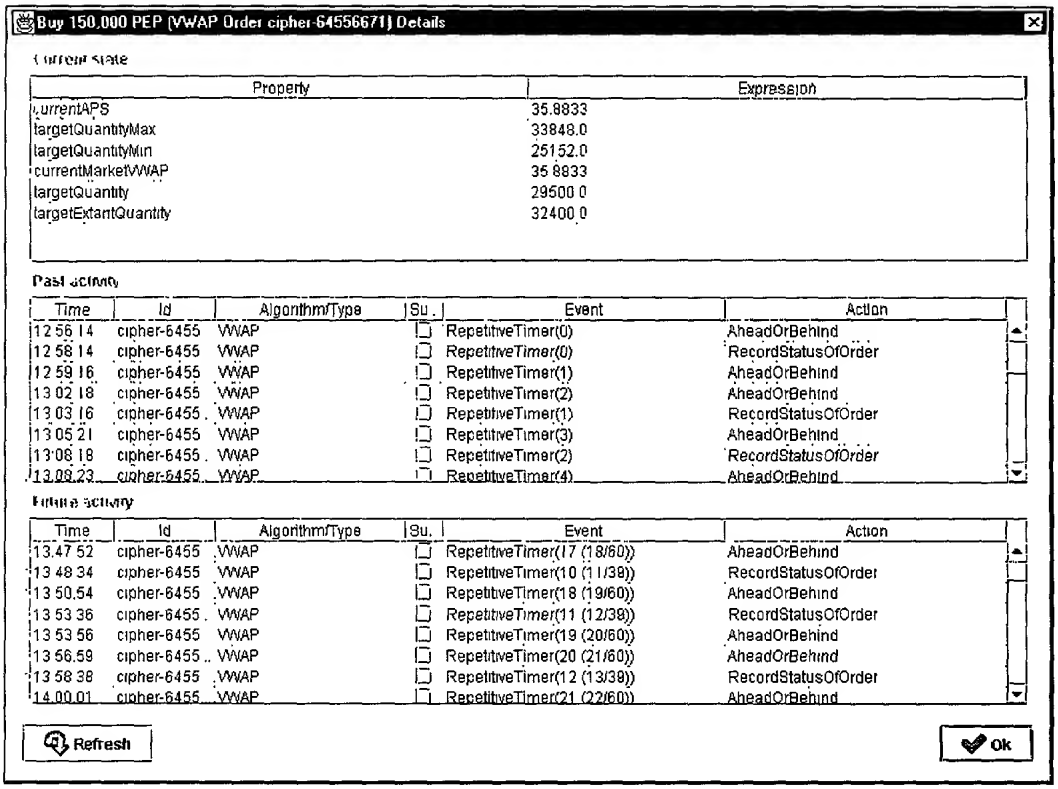
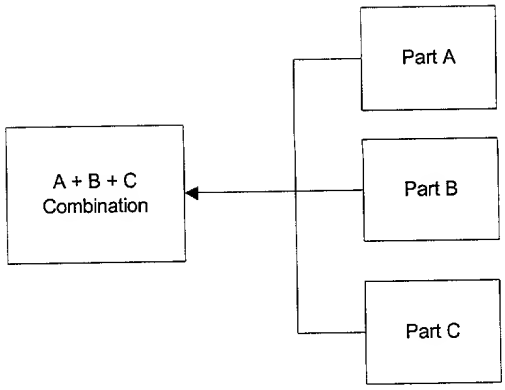
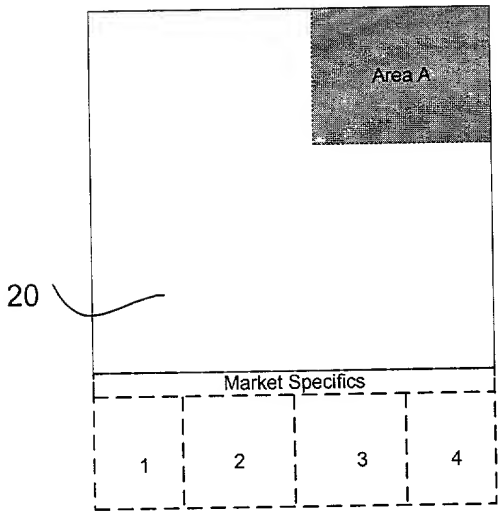
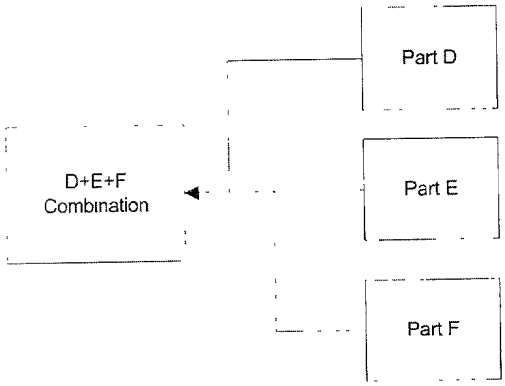
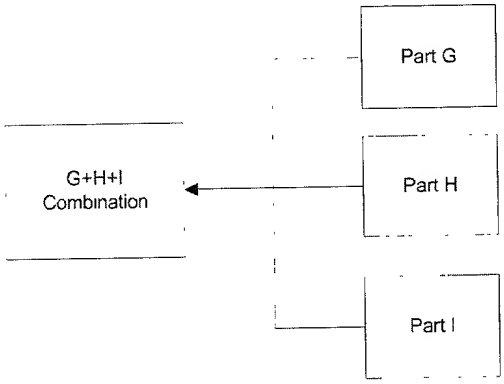

Buy 150,000 PEP (VWAP Order cipher-64556671) Details
Current State
Property
Expression
currentAPS
35.8833
targetQuantityMax
33848.0
targetQuantityMin
25152.0
currentMarketVWAP
35.8833
targetQuantity
29500.0
targetExtantQuantity
32400.0
Past activity
Time
Id
Algorithm/Type
Su..
Event
Action
12:56:14 cipher-6455 VWAP RepetitiveTimer(0) AheadOrBehind
12:58:14 cipher-6455 VWAP RepetitiveTimer(0) RecordStatusOfOrder
12:59:16 cipher-6455 VWAP RepetitiveTimer(1) AheadOrBehind
13:02:18 cipher-6455 VWAP RepetitiveTimer(2) AheadOrBehind
13:03:16 cipher-6455 VWAP RepetitiveTimer(1) RecordStatusOfOrder
13:05:21 cipher-6455 VWAP RepetitiveTimer(3) AheadOrBehind
13:08:18 cipher-6455 VWAP RepetitiveTimer(2) RecordStatusOfOrder
13:09:23 cipher-6455 VWAP RepetitiveTimer(4) AheadOrBehind
Future activity
Time
Id
Algorithm/Type
Su..
Event
Action
13:47:52 cipher-6455 VWAP RepetitiveTimer(17 (18/60)) AheadOrBehind
13:48:34 cipher-6455 VWAP RepetitiveTimer(10 (11/39)) RecordStatusOfOrder
13:50:54 cipher-6455 VWAP RepetitiveTimer(18 (19/60)) AheadOrBehind
13:53:36 cipher-6455 VWAP RepetitiveTimer(11 (12/39)) RecordStatusOfOrder
13:53:56 cipher-6455 VWAP RepetitiveTimer(19 (20/60)) AheadOrBehind
13:56:59 cipher-6455 VWAP RepetitiveTimer(20 (21/60)) AheadOrBehind
13:58:38 cipher-6455 VWAP RepetitiveTimer(12 (13/39)) RecordStatusOfOrder
14:00:01 cipher-6455 VWAP RepetitiveTimer(21 (22/60)) AheadOrBehind
Refresh
Ok

Figure 5


Part A
A + B + C
Combination
Part B
Part C


Area A
20
Market Specifics
1
2
3
4


Part D
D+E+F
Combination
Part E
Part F


Part G
G+H+I
Combination
Part H
Part I

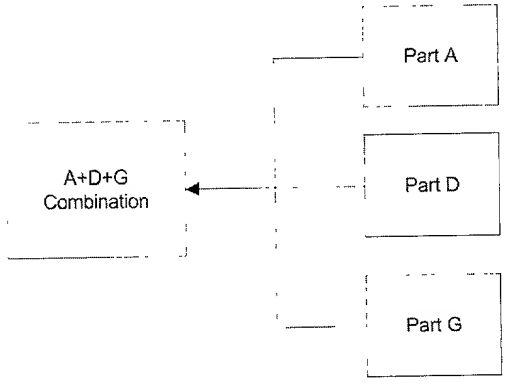

Part A
A+D+G
Combination
Part D
Part G

Figure 6

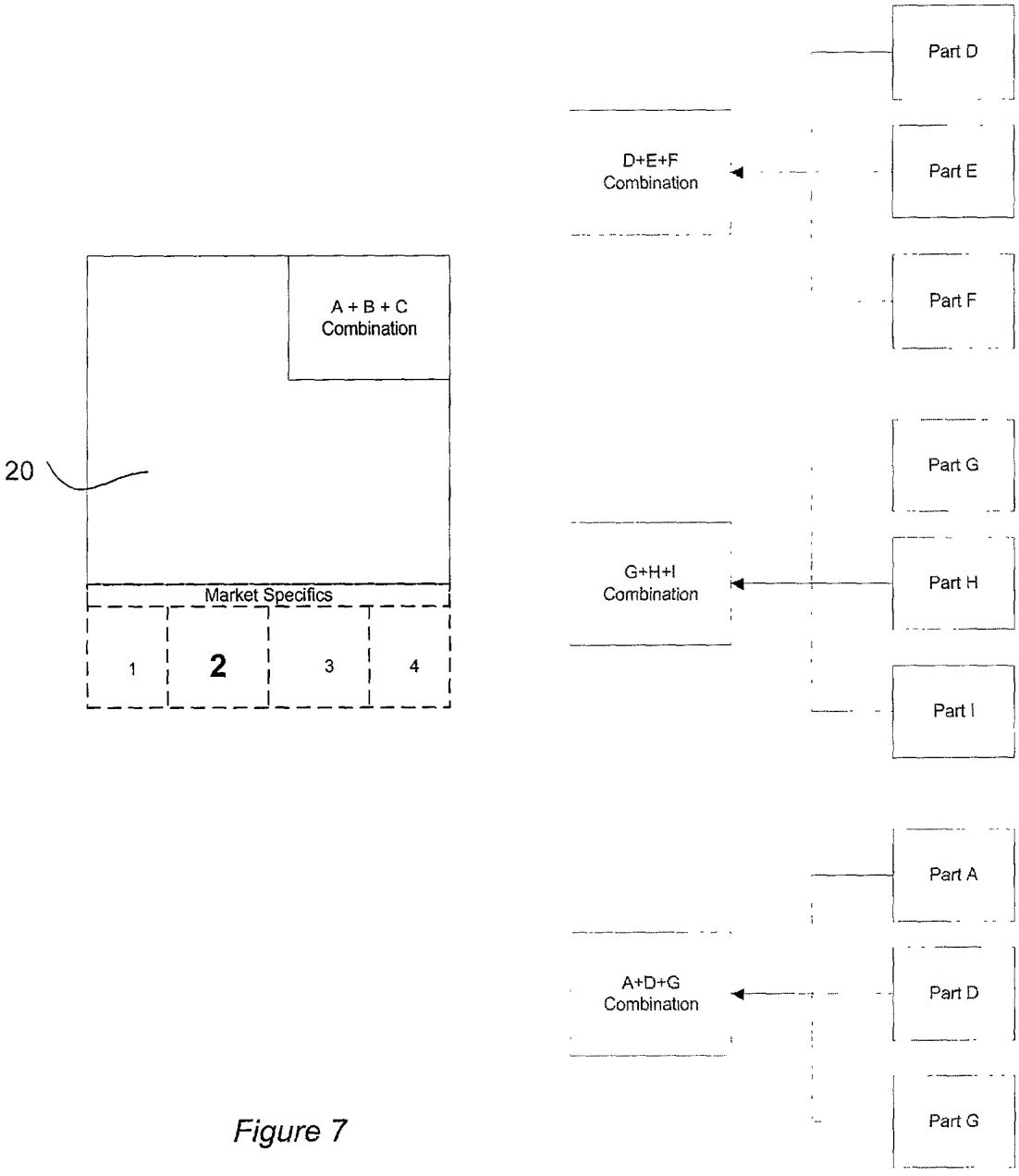

A + B + C
Combination
20
Market Specifics
1
2
3
4
D+E+F
Combination
Part D
Part E
Part F
G+H+I
Combination
Part G
Part H
Part I
A+D+G
Combination
Part A
Part D
Part G

Figure 7

Patent Application

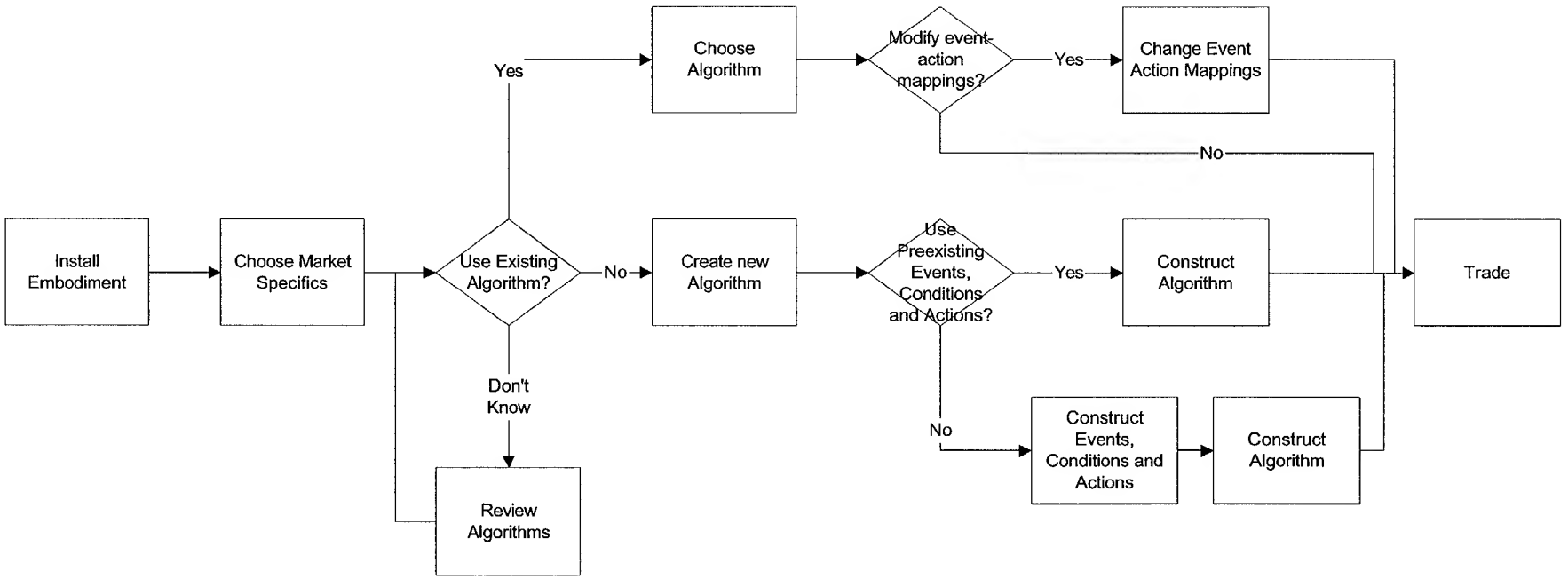


Figure 8

Patent Application

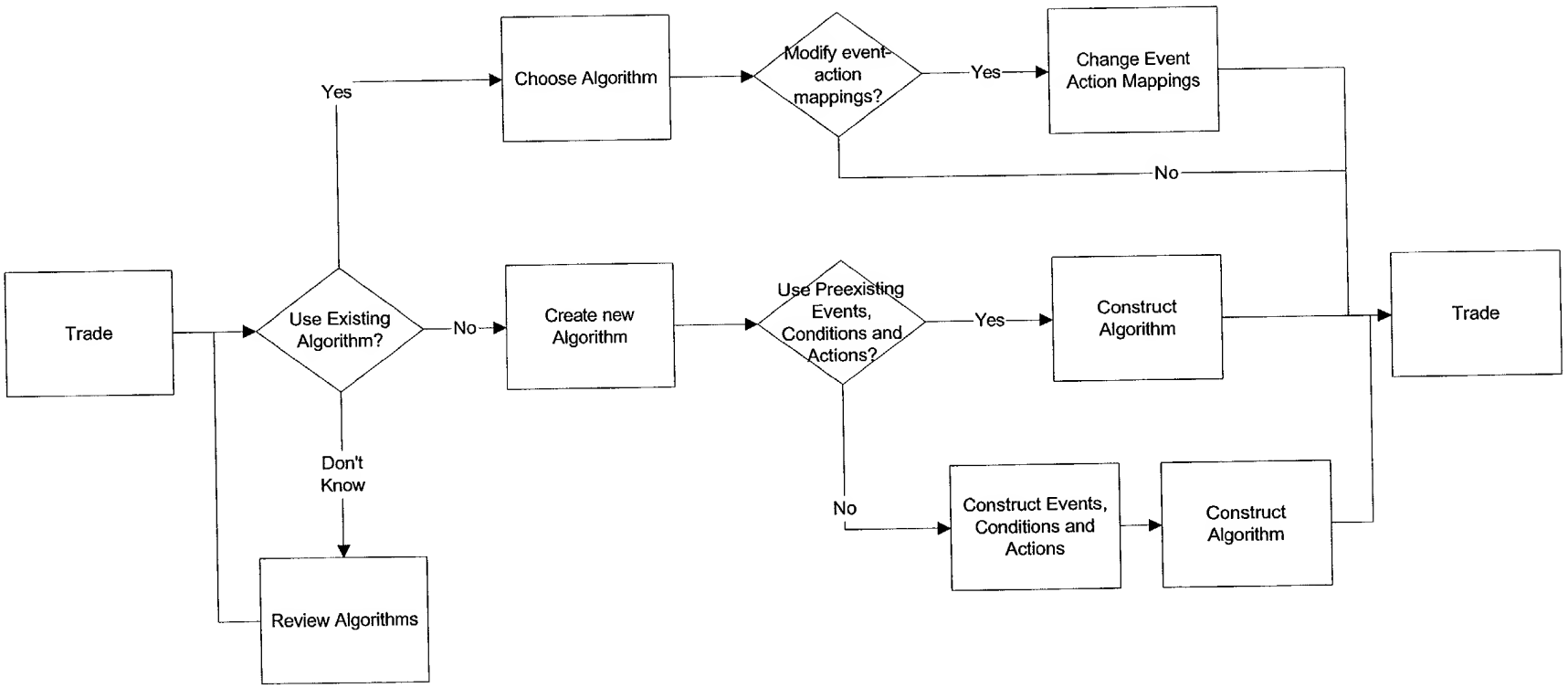


Figure 9

FORCED SALE

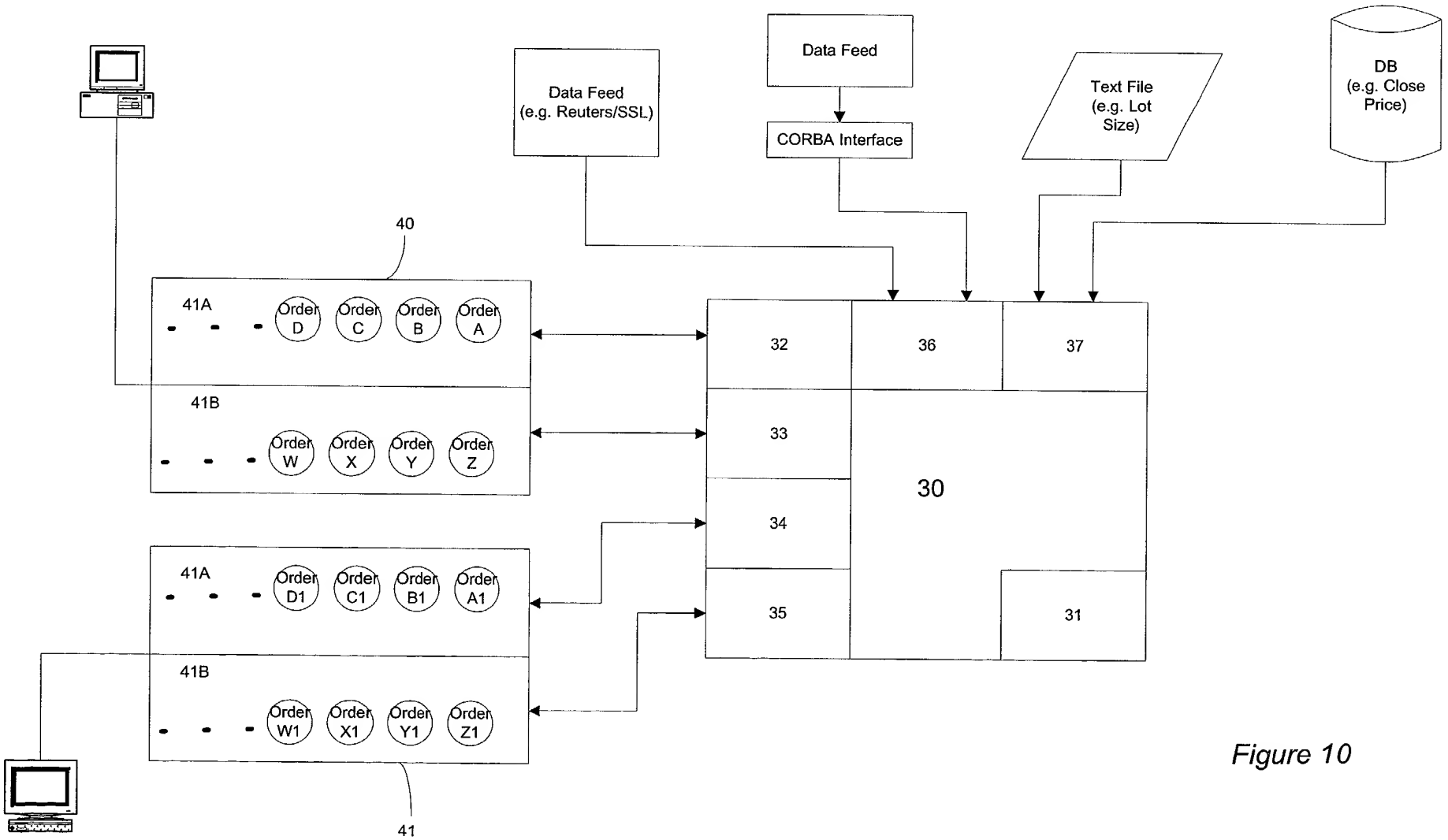


Figure 10